

Appl. No. 09/844,114

Reply to Office Action of September 27, 2005

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-8 (canceled).

Claim 9 (previously presented): The method according to claim 25, further comprising the step of adjusting an intensity of a signal fixing said actual weather field according to the high frequency signal for optimizing a reduction of electrostress.

Claims 10- 12 (canceled).

Claim 13 (currently amended): The method according to claim 25, wherein a signal signals fixing said actual weather field is are time limited and assembled in an endless signal train trains.

Claims 14 - 15 (canceled).

Claim 16 (previously presented): The method according to claim 27, wherein said extracting step further comprises the step of digitally subtracting a selected signal for the natural

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alternating electromagnetic field from a received mixed signal spectrum.

Claims 17 - 24 (canceled).

Claim 25 (currently amended): A method of transmitting a high frequency signal between a transmitter and a receiver, the method comprising the steps of:

- a) linking the high frequency signal with a signal for a natural alternating electromagnetic field to form a linked signal, wherein the signal for the natural alternating magnetic field approximately conforms to an actual weather field; and
- b) extracting the high frequency signal from the linked signal in the receiver; and
- c) controlling the actual weather field by selective control information related to a weather situation.

Claim 26 (canceled).

Claim 27 (currently amended): A method of transmitting a

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high frequency signal between a transmitter and a receiver, the method comprising the steps of:

- a) linking the high frequency signal with a signal for a natural alternating electromagnetic field to form a linked signal;
- b) extracting the high frequency signal from the linked signal in the receiver; and
- c) extracting the high frequency signal in the receiver from the signal for the natural alternating electromagnetic field having a given spectral time curve stored in a memory of the receiver, wherein said extracting step occurs from an endless repeat spectra of sferics each being recognized in terms of time by means of time spectrum recognition in a respective repeat period.

Claims 28 - 30 (canceled).